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2825

TRANSMITTAL FORM

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Total Number of Pages in This Submission

Application Number	10/040,963
Filing Date	1/5/02
First Named Inventor	Steven Teig
Group Art Unit	2825
Examiner Name	Vuthe Siek
Total Number of Pages in This Submission	Attorney Docket Number
	SPLX.P0023

Enclosures (Check all that apply)

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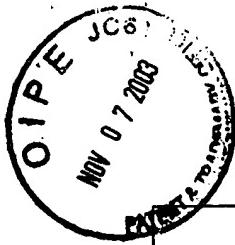
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PATENT
Docket No. SPLX.P0023

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Mani Adeli

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Steven Teig

Serial No.: 10/040,963

Filing Date: 1/5/02

For: ROUTING METHOD AND
APPARATUS

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INFORMATION DISCLOSURE
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Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, applicants submit with this Information Disclosure Statement the attached Form PTO-1449, and copies of the documents listed in the 1449 form for consideration by the Examiner. The Examiner is requested to make these documents of record. Applicants would appreciate the Examiner initialing and returning the Form PTO-1449, indicating that the information has been considered and made of record herein.

This Information Disclosure Statement under 37 C.F.R. § 1.97 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to

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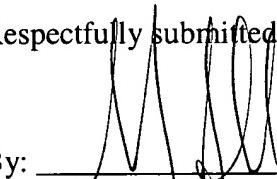
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Dated: November 5, 2003

Respectfully submitted,

By:


Mani Adeli
Registration No. 39,585

Stattler, Johansen & Adeli LLP
P.O. Box 51860
Palo Alto, CA 94303-0728

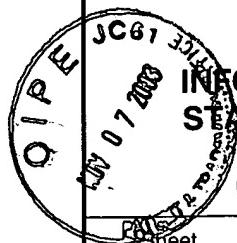
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Sheet

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Application Number

10/040,963

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1/5/02

First Named Inventor

Steven Teig

Group Art Unit

2825

Examiner Name

V. Siek

Attorney Docket Number

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U.S. PATENT DOCUMENTS

Examiner* Initials	Cite No. ¹	U.S. Patent Document Number	Kind Code ² (if known)	Date of Publication MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1.	2001/0009 031	A1	07-19-2001	Nitta et al.	
	2.	4,593,363		06-03-1986	Burstein et al.	
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	4.	5,618,744		04-08-1997	Suzuki et al.	
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	9.	5,640,327		06-17-1997	Ting	
	10.	5,784,289		07-28-1998	Wang	
	11.	5,798,936		08-25-1998	Cheng	
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	14.	6,150,193		11-21-2000	Glenn	
	15.	6,209,123	B1	03-27-2001	Maziasz et al.	
	16.	6,219,832	B1	04-17-2001	Buzbee	
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	18.	6,253,363	B1	06-26-2001	Gasanov et al.	
	19.	6,295,634	B1	09-25-2001	Matsumoto	
	20.	6,307,256		10-23-2001	Chiang et al.	
	21.	6,316,838	B1	11-13-2001	Ozawa et al.	

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Application Number

10/040,963

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1/5/02

First Named Inventor

Steven Teig

Group Art Unit

2825

Examiner Name

V. Siek

Attorney Docket Number

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	30.	6,480,991	B1	11-12-2002	Cho et al.	
	31.	6,490,713	B2	12-03-2002	Matsumoto	
	32.	6,546,540	B1	04-08-2003	Igarashi et al.	
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	34.	6,567,967	B2	05-20-2003	Greidinger et al.	

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FOREIGN PATENT DOCUMENTS

Examiner's Initials	Cite No. ¹	Foreign Patent Document		Date of Publication MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴				
	35.	JP	411296560	A	10-29-1999	Matsumoto et al.	with English translation of Abstract;
	36.	JP	2000-82743		03-21-2000	Igarashi et al.	with Japanese Patent Office's English translation of Abstract; and with English translation of the application.

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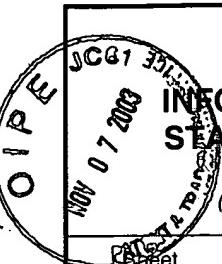
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						Examiner Name	V. Siek
Sheet	3	of	6	Attorney Docket Number			SPLX.P0023

FOREIGN PATENT DOCUMENTS								
	37.	JP	H03-173471		07-26-1991	Tawada et al.	with Japanese Patent Office's English translation of Abstract; and with English translation of the application.	✓
	38.	JP	H05-243379		09-21-1993	Masako Kuboto	with Japanese Patent Office's English translation of Abstract; and with English translation of the application.	✓
	39.	JP	H05-102305		04-23-1993	Akihiro Sato	with Japanese Patent Office's English translation of Abstract; and with English translation of the application.	✓
	40.	JP	H07-86407		03-31-1995	Shinpei Miura	with Japanese Patent Office's English translation of Abstract; and with English translation of the application.	✓
	41.	JP	H09-162279		06-20-1997	Masaaki Yoshida	with Japanese Patent Office's English translation of Abstract; and with English translation of the application.	✓

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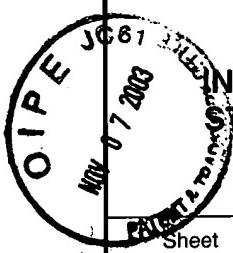
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First Named Inventor

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NON PATENT LITERATURE DOCUMENTS

Examiner's Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	²
	42.	Ahuja, R. et al., Faster Algorithms for the Shortest Path Problem, Journal of the Association for Computing Machinery, vol. 37, No. 2, April 1990, pp. 213-223.	
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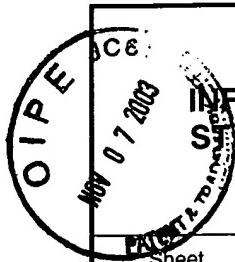
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66.	Takashima, Y. et al, Routability of FPGAs with Extremal Switch-Block Structures, IEICE Trans. Fundamentals, vol. E81-A, No. 5, May 1998, pp. 850-856.
67.	Thakur, S. et al., Algorithms for a Switch Module Routing Problem, 1994, pp. 265-270.
68.	Theune, D. et al., HERO: Hierarchical EMC-constrained routing, 11/1992, IEEE pp 468-472.
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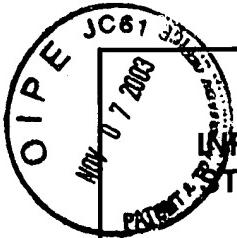
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(use as many sheets as necessary)				First Named Inventor	Steven Teig
				Group Art Unit	2825
				Examiner Name	V. Siek
Sheet	6	of	6	Attorney Docket Number	SPLX.P0023

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